



Sheet 1 of 1

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 105081	APPLICATION NO. 09/446,730	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANTS Katsushi SHIO et al.				
		FILING DATE December 27, 1999		GROUP 1754		
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
1		4,629,493	12/16/1986	Ura et al.		
FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
2		JP A-2-214504 (w/abstract)	08/27/1990	Japan		
3		JP B2-4-76721	12/04/1992	Japan		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)						
EXAMINER					DATE CONSIDERED	
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						